| Notice of Allowability                                                                                                                                                                                                                                                                                                                                                     | Application No.                                                                           | Applicant(s)                                                                |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------|
|                                                                                                                                                                                                                                                                                                                                                                            | 09/900,008                                                                                | SHINO ET AL.                                                                |                    |
|                                                                                                                                                                                                                                                                                                                                                                            | Examiner                                                                                  | Art Unit                                                                    |                    |
|                                                                                                                                                                                                                                                                                                                                                                            | Tamra L. Dicus                                                                            | 1774                                                                        |                    |
| The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31                                                                                     | S (OR REMAINS) CLOSED in<br>b) or other appropriate common<br>RIGHTS. This application is | n this application. If not included unication will be mailed in due course. | THIS<br>initiative |
| 1. This communication is responsive to <u>07-06-05</u> .                                                                                                                                                                                                                                                                                                                   |                                                                                           |                                                                             | 8                  |
| 2. X The allowed claim(s) is/are <u>15,16 and 19-36</u> .                                                                                                                                                                                                                                                                                                                  |                                                                                           |                                                                             |                    |
| <ul> <li>3.  Acknowledgment is made of a claim for foreign priority unally All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have</li> <li>2.  Certified copies of the priority documents have</li> <li>3.  Copies of the certified copies of the priority documents have</li> </ul>                                                  | e been received.<br>e been received in Applicati                                          | on No                                                                       | n the              |
| International Bureau (PCT Rule 17.2(a)).                                                                                                                                                                                                                                                                                                                                   |                                                                                           |                                                                             |                    |
| * Certified copies not received:                                                                                                                                                                                                                                                                                                                                           | •                                                                                         |                                                                             |                    |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON! THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.                                                                                                                                                                                                                | of this communication to file MENT of this application.                                   | e a reply complying with the requiremer                                     | nts                |
| 4. A SUBSTITUTE OATH OR DECLARATION must be subm<br>INFORMAL PATENT APPLICATION (PTO-152) which giv                                                                                                                                                                                                                                                                        | nitted. Note the attached EX res reason(s) why the oath o                                 | AMINER'S AMENDMENT or NOTICE ( r declaration is deficient.                  | OF                 |
| <ol> <li>CORRECTED DRAWINGS ( as "replacement sheets") mu         <ul> <li>(a) including changes required by the Notice of Draftsper</li> <li>(b) hereto or 2) to Paper No./Mail Date</li> <li>(b) including changes required by the attached Examiner Paper No./Mail Date</li> <li>Identifying indicia such as the application number (see 37 CFR)</li> </ul> </li> </ol> | son's Patent Drawing Revie<br><br>'s Amendment / Comment o                                | r in the Office action of                                                   |                    |
| each sheet. Replacement sheet(s) should be labeled as such in                                                                                                                                                                                                                                                                                                              | the header according to 37 Cl                                                             | FR 1.121(d).                                                                |                    |
| <ol> <li>DEPOSIT OF and/or INFORMATION about the depo-<br/>attached Examiner's comment regarding REQUIREMENT</li> </ol>                                                                                                                                                                                                                                                    | SSIT OF BIOLOGICAL MAT<br>FOR THE DEPOSIT OF BI                                           | ERIAL must be submitted. Note the<br>DLOGICAL MATERIAL.                     |                    |
|                                                                                                                                                                                                                                                                                                                                                                            |                                                                                           | · · · · · · · · · · · · · · · · · · ·                                       |                    |
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|                                                                                                                                                                                                                                                                                                                                                                            |                                                                                           |                                                                             |                    |
| Attachment(s)                                                                                                                                                                                                                                                                                                                                                              | _                                                                                         |                                                                             |                    |
| 1. Notice of References Cited (PTO-892)                                                                                                                                                                                                                                                                                                                                    | /                                                                                         | formal Patent Application (PTO-152)                                         |                    |
| 2. Notice of Draftperson's Patent Drawing Review (PTO-948)                                                                                                                                                                                                                                                                                                                 |                                                                                           | ummary (PTO-413),                                                           |                    |
| <ol> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/0<br/>Paper No./Mail Date</li> </ol>                                                                                                                                                                                                                                                                        | 08), 7. ☐ Examiner's                                                                      | /Mail Date<br>Amendment/Comment                                             |                    |
| <ol> <li>Examiner's Comment Regarding Requirement for Deposit</li> </ol>                                                                                                                                                                                                                                                                                                   | 8. 🛭 Examiner's                                                                           | Statement of Reasons for Allowance                                          |                    |
| of Biological Material                                                                                                                                                                                                                                                                                                                                                     | 9. 🗌 Other                                                                                |                                                                             |                    |
| •                                                                                                                                                                                                                                                                                                                                                                          |                                                                                           |                                                                             |                    |
|                                                                                                                                                                                                                                                                                                                                                                            |                                                                                           |                                                                             |                    |
| U.S. Patent and Trademark Office PTOL-37 (Rev. 7-05)                                                                                                                                                                                                                                                                                                                       | otice of Allowability                                                                     | Part of Paper No./Mail Date 2                                               |                    |

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## **REASONS FOR ALLOWANCE**

The cancellation of claims 1-14 and 17-18 is acknowledged.

The following is an examiner's statement of reasons for allowance: Hattori does not teach or suggest a barrier layer having an air permeability value as recited in claims 15, 19, 23, and 30 and there is no motivation to combine the applied references and the references alone fail to teach the claimed invention. Thus, the invention is allowable based on these differences.

## Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tamra L. Dicus whose telephone number is 571-272-1519. The examiner can normally be reached on Monday-Friday, 7:00-4:30 p.m., alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena Dye can be reached on 571-272-3186. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

> Tamra L. Dicus Examiner Art Unit 1774

September 1, 2005